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Proximity Detection through Sensing Technologies

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Deadline for manuscript
submissions:

closed (31 July 2021)

Message from the Guest Editors

This Special Issue moves towards this direction. In particular, we call for novel scientific contributions addressing the many facets of proximity by exploiting sensing technologies such as Bluetooth, WiFi 6, ultra-wideband, and the upcoming 5G. The goal is to detail the current state of the art of proximity and how it can be implemented with available or nearly available technologies that change the way we perceive the surrounding environment.

Topics of interest include but are not limited to the following:

- Detecting gatherings among people (social interaction detection)
- Indoor localization systems for proximity estimation
- 5G networks for proximity and location-aware applications
- Bluetooth low-energy beaconing and beyond
- Improving accuracy and reliability of location-based services
- Device-free proximity detection
- Location beyond navigation—asset and network management
- Geo-fencing and microlocations
- Hyperlocal marketing
- Technologies for short-distance phone-to-phone ranging



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Special Issue



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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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